

FORM PTO-1449 U.S. Department of Commerce
(Rev. 4/92) Patent and Trademark OfficeINFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

0135.03

SERIAL NO.

101644,927

APPLICANT
Stern et al.

FILING DATE

GROUP

1645

U.S. PATENT DOCUMENTS

LT		5	7	3	3	5	6	8	Mar. 31, 1998	Ford			
LT		6	4	0	3	0	8	2	June 11, 2002	Stiles et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLAS S	TRANSLATION	
													YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

LT		Joosten, H., et al., "Purification and Characterization of Enterocin 4, a Bacteriocin Produced by <i>Enterococcus faecalis</i> INIA 4", <u>Applied and Environmental Microbiology</u> , Vol. 62 (11), pp. 4220-4223, Nov. 1996.
		Maisnier-Patin, S., et al., "Purification, Partial Characterisation and Mode of Action of Enterococin EFS2, an Antilisterial Bacteriocin Produced by a Strain of <i>Enterococcus faecalis</i> Isolated from a Cheese", <u>International Journal of Food Microbiology</u> , Vol. 30, pp. 255-270, 1996.
		Balla, E., et al., "Characterization and Cloning of the Genes Encoding Enterocin 1071A and Enterocin 1071B, Two Antimicrobial Peptides Produced by <i>Enterococcus faecalis</i> BFE 1071", <u>Applied and Environ. Micro.</u> , Vol. 66, (4), pp. 1298-1304, April 2000.
		Franz, C., et al., "Biochemical and Genetic Characterization of the Two-Peptide Bacteriocin Enterocin 1071 Produced by <i>Enterococcus faecalis</i> FAIR-E 309", <u>Applied and Environmental Microbiology</u> , Vol. 68, (5), pp. 2550-2554, May 2002.
ABSTRACT only		Nilsen, T., et al., "Enterolysin A, a Cell Wall-Degrading Bacteriocin from <i>Enterococcus faecalis</i> LMG 2333", <u>Applied and Environmental Microbiology</u> , Vol. 69, (5), pp. 2975-2984, May 2003.

EXAMINER

DATE CONSIDERED

5/24/05

EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. Department of Commerce
(Rev. 4/92) Patent and Trademark Office

ATTY. DOCKET NO.

SERIAL NO.

0135.03

10/644,927

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

APPLICANT
Stern et al.

(Use several sheets if necessary)

FILING DATE

GROUP

1645

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER						DATE	COUNTRY	CLASS	SUBCLAS S	TRANSLATION	
												YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

LT		Guyonnet, D., et al., "Method for Rapid Purification of Class IIa Bacteriocins and Comparison of Their Activities", <u>Applied and Environmental Microbiology</u> , Vol. 66, (4), pp. 1744-1748, April 2000.
		Juven, B., et al., "Antagonistic effects of lactobacilli and pediococci to control intestinal colonization by human enteropathogens in live poultry", <u>Journal of Applied Bacteriology</u> , Vol. 70, pp. 95-103, 1991.
ABSTRACT ONLY		Moreno, M., et al., "Isolation and biochemical characterisation of enterocins produced by enterococci from different sources", <u>Abstract-Journal of Applied Microbiology</u> , Vol. 94, (2), Page 214, February 2003.
ABSTRACT ONLY		Laukova, A., et al., "Occurrence of bacteriocin production among environmental enterococci", <u>Medline Abstract-Lett Appl Microbiol</u> , Vol. 27, (3), pp. 178-82, September 1, 1998.
ABSTRACT ONLY		Lopez-Lara, I., et al., "Purification, characterization, and biological effects of a second bacteriocin from <i>Enterococcus faecalis</i> ssp. <i>liquefaciens</i> S-48 and its mutant strain B-48-28", <u>Medline Abstract-Can J Microbiol</u> , Vol. 37, (10), pp. 769-74, October 1, 1991.
ABSTRACT ONLY		Rodriguez, J., et al., "Bactericidal effect of enterocin 4 on <i>Listeria monocytogenes</i> in a model dairy system", <u>Medline Abstract-J Food Prot</u> , Vol. 60, (1), pp. 28-32, Jan. 1, 1997

EXAMINER

DATE CONSIDERED

5/23/05

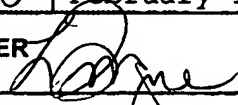
EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. Department of Commerce (Rev. 4/92) Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 0135.03	SERIAL NO. 10/644,927
	APPLICANT Stern	
	FILING DATE	GROUP 1615

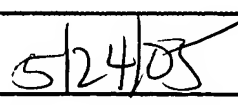
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Abstract only	Nunez, M., et al., "Inhibition of <i>Listeria monocytogenes</i> by enterocin 4 during the manufacture and ripening of Manchego cheese", <u>Medline Abstract-J Appl Microbiol</u> , Vol. 83, (6), pp. 671-7, December 1, 1997.
Abstract only	Rodriguez, E., et al., "Combined effect of bacteriocin-producing lactic acid bacteria and lactoperoxidase system activation on <i>Listeria monocytogenes</i> in refrigerated raw milk", <u>Medline Abstract-J Appl Microbiol</u> , Vol. 83, (3), pp. 389-95, September 1, 1997.
Abstract only	Jett, B., et al., "The growth-inhibitory effect of the <i>Enterococcus faecalis</i> bacteriocin encoded by pAD1 extends to the oral streptococci", Article, <u>Journal of Dental Research</u> , Vol. 69, pp. 1640-1645, 1990.
Abstract only	Du Toit, M., et al., "Preliminary characterization of bacteriocins produced by <i>Enterococcus faecium</i> and <i>Enterococcus faecalis</i> isolated from pig feces", Abstract, <u>Journal of Applied Microbiology</u> , Vol. 88, (3), p. 482, March 2000.
Abstract only	Marekova, M., et al., "Partial characterization of bacteriocins produced by environmental strain <i>Enterococcus faecium</i> EK13", Abstract, <u>Journal of Applied Microbiology</u> , Vol. 94, (3), p. 523, March 2003.
Abstract only	Simonetta, A., et al., "Antibacterial activity of enterococci strains against <i>Vibrio cholerae</i> ", <u>Medline Abstract, Lett Appl Microbiol</u> , Vol. 24, (2), pp. 139-43, February 1, 1997.

EXAMINER



DATE CONSIDERED



EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. Department of Commerce (Rev. 4/92) Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 0135.03	SERIAL NO. 10/644,927
	APPLICANT Stern et al.	
	FILING DATE	GROUP 1645

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLAS S	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Abstract only	Lasagno, M., et al., "Selection of bacteriocin producer strains of lactic acid bacteria from a dairy environment", Medline Abstract, <u>New Microbiol</u> , Vol. 25, (1), pp. 37-44, January 1, 2002.
LT	Del Campo, R., et al., "Bacteriocin Production in Vancomycin-Resistant and Vancomycin-Susceptible <i>Enterococcus</i> Isolates of Different Origins", Abstract, <u>Antimicrobial Agents and Chemotherapy</u> , Vol. 45, (3), pp. 905-912, March 2001.
LT	Galvez, A., et al., "Isolation and characterization of enterocin EJ97, a bacteriocin produced by <i>Enterococcus faecalis</i> EJ97", Abstract, <u>Arch Microbiol</u> , Vol. 171, pp. 59-65, 1998.
abstract only	Eguchi, T., "Isolation and characterization of enterocin SE-K4 produced by thermophilic enterococci, <i>Enterococcus faecalis</i> K-4", Medline Abstract, <u>Biosci Biotechnol Biochem</u> , Vol. 65, (2), pp. 247-53, February 1, 2001.
abstract only	Lopez-Lara, I., et al., "Purification, characterization, and biological effects of a second bacteriocin from <i>Enterococcus faecalis</i> ssp. <i>liquefaciens</i> S-48 and its mutant strain B-48-28", Medline Abstract, <u>Can J Microbiol</u> , Vol. 37, (10), pp. 769-74, October 1, 1991.

EXAMINER

DATE CONSIDERED

5/24/05

EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. Department of Commerce
(Rev. 4/92) Patent and Trademark Office

ATTY. DOCKET NO.

0135.03

SERIAL NO.

10/644,927

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT
Stem-et al.

FILING DATE

GROUP

1645

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLAS S	TRANSLATION	
													YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Salzano, G., et al., "Conjugal transfer of plasmid-borne bacteriocin production in *Enterococcus faecalis* 226 NWC", *FEMS Microbiol Lett*, Vol. 78, (1), pp. 1-6, Nov. 15, 1992.

Elotmani, F., et al., "Characterization of anti-*Listeria monocytogenes* bacteriocins from *Enterococcus faecalis*, *Enterococcus faecium*, and *Lactococcus lactis* strains isolated from Ra?b, a Moroccan traditional fermented milk", *Curr Microbiol*, Vol. 44, (1), pp. 10-7, January 1, 2002.

EXAMINER

DATE CONSIDERED

5/24/05

EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.